

021004
18351 U.S. PTO

FORM PTO-1082

81940.0070

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Naoto MATSUNAMI, Koji SONODA, Akira YAMAMOTO, Masafumi NOZAWA and
Masaaki IWASAKI

Serial No: Not assigned

Filed: February 10, 2004

For: STORAGE DEVICE

17858 U.S.PTO
10/775886021004
18351 U.S. PTO

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

 Customer Number

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Transmitted herewith for filing is the patent application identified above.

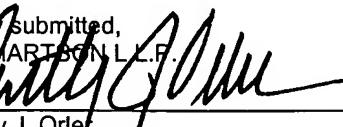
- 15 sheet(s) of drawings (formal informal) is(are) enclosed.
- 72 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- An assignment of the invention to HITACHI, LTD. is enclosed will follow.
- An associate power of attorney is enclosed will follow.
- Applicant claims small entity status. See 37 CFR 1.27.
- Declaration and Power of Attorney is enclosed will follow.
- A certified copy of Japanese Patent Application No. 2003-086828 filed March 27, 2003 from which priority is claimed under 35 U.S.C. § 119 is enclosed.
- IDS enclosed (with 8 reference(s)).
- Preliminary Amendment is enclosed.
- Application data sheet is enclosed. See 37 CFR 1.76.
- Return postcard is enclosed.

CALCULATION OF FEES

ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FEE	25	-20	5	LG=\$18 SM=\$9	\$18	90
B	INDEPENDENT CLAIMS FEE*	5	-3	2	LG=\$86 SM=\$43	\$86	172
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)						262
D	MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0
E	BASIC FEE				LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)						\$ 1032
G	ASSIGNMENT RECORDING FEE					\$ 40	\$ 40

*LIST INDEPENDENT CLAIMS 1, 8, 15, 20 and 25

- Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.
- A check in the amount of \$ 1032.00 to cover the filing fee is enclosed.
- A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.
- The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- Any additional filing fees required under 37 C.F.R. 1.16
- Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
HOGAN & HARTSON L.L.P.By: Anthony J. Orler
Registration No. 41232
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Date: February 10, 2004

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In re application of:
Naoto MATSUNAMI et al.
Serial No: Not assigned
Filed: February 10, 2004
For: STORAGE DEVICE

Art Unit: Not assigned
Examiner: Not assigned

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P.O. Box 1450
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Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$ 1032.00 as filing fee
- patent application (72 page(s) of specification; 25 claim(s); 1 page(s) of abstract
- 15 sheet(s) of formal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to HITACHI, LTD.
- certified copy of Japanese patent application No. 2003-086828 which was filed March 27, 2003 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Information Disclosure Statement with 8 references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Date: February 10, 2004

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Reynaldo Gallardo
Name of person mailing papers

Signature